

(FILE 'HOME' ENTERED AT 18:24:08 ON 08 JUN 2005)

FILE 'MEDLINE, CAPLUS, EMBASE, BIOSIS, SCISEARCH' ENTERED AT 18:24:29 ON  
08 JUN 2005

L1 258 S CH-296  
L2 108 S RETRONECTIN  
L3 348 S L1 OR L2  
L4 0 S L3 AND HUVEC  
L5 18 S L3 AND VLA-5  
L6 7 DUP REM L5 (11 DUPLICATES REMOVED)  
L7 25767 S HUVEC  
L8 21 S L7 AND VLA-5  
L9 8 DUP REM L8 (13 DUPLICATES REMOVED)  
L10 9030 S VERY LATE ANTIGEN-5 OR VLA-5 OR CD49E OR CD29  
L11 476 S L10 AND UMBILICAL  
L12 295 S L11 AND ENDOTHELIAL  
L13 195 S L12 AND HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS  
L14 120 S L13 AND HUVEC  
L15 59 DUP REM L14 (61 DUPLICATES REMOVED)  
L16 25767 S HUVEC  
L17 1049 S HUVEC/TI  
L18 1 S L17 AND REVIEW/DT  
L19 78 S L16 AND REVIEW/DT  
L20 64 DUP REM L19 (14 DUPLICATES REMOVED)  
L21 6 S L20 AND (INTEGRIN OR CD29 OR VERY LATE ANTIGEN-5 OR VLA-5)  
L22 6 DUP REM L21 (0 DUPLICATES REMOVED)  
L23 938 S HUVEC AND FIBRONECTIN  
L24 467 S HUVEC (S) FIBRONECTIN  
L25 5 S HUVEC (W) FIBRONECTIN  
L26 0 S L24 AND VLA-5  
L27 0 S L24 AND VERY LATE ANTIGEN-5  
L28 187 S L24 AND INTEGRIN  
L29 97 S L24 (S) INTEGRIN  
L30 52 DUP REM L29 (45 DUPLICATES REMOVED)

=> S L24 AND CD29  
L31 18 L24 AND CD29

=> DUP REM L31  
PROCESSING COMPLETED FOR L31  
L32 9 DUP REM L31 (9 DUPLICATES REMOVED)

=> D 1-9 TI SO

L32 ANSWER 1 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
TI VLA-4 (alpha(4)beta(1)) engagement defines a novel activation pathway for  
beta(2) integrin-dependent leukocyte adhesion involving the urokinase  
receptor  
SO BLOOD, (15 JUL 2000) Vol. 96, No. 2, pp. 506-513.  
Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON,  
DC 20036.  
ISSN: 0006-4971.

L32 ANSWER 2 OF 9 MEDLINE on STN  
TI Shear stress affects migration behavior of polymorphonuclear cells  
arrested on endothelium.  
SO Cellular immunology, (2000 Jul 10) 203 (1) 39-46.  
Journal code: 1246405. ISSN: 0008-8749.

L32 ANSWER 3 OF 9 MEDLINE on STN  
TI Ligation of CD31 (PECAM-1) on endothelial cells increases adhesive  
function of alphavbeta3 integrin and enhances beta1 integrin-mediated  
adhesion of eosinophils to endothelial cells.  
SO Blood, (1999 Aug 15) 94 (4) 1319-29.  
Journal code: 7603509. ISSN: 0006-4971.

L32 ANSWER 4 OF 9 MEDLINE on STN  
TI Cytoskeletal changes induced by excess extracellular matrix impair  
endothelial cell replication.  
SO Diabetologia, (1997 Aug) 40 (8) 879-86.  
Journal code: 0006777. ISSN: 0012-186X.

L32 ANSWER 5 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
TI Interactions of lymphocytes from patients with psoriatic arthritis or  
healthy controls and cultured endothelial cells  
SO CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (DEC 1997) Vol. 85, No. 3, pp.  
297-314.  
Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900,  
SAN DIEGO, CA 92101-4495.  
ISSN: 0090-1229.

L32 ANSWER 6 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
TI DEVELOPMENT AND CHARACTERIZATION OF A NOVEL MONOCLONAL-ANTIBODY (MNI-11)  
THAT INDUCES CELL-ADHESION OF THE LPS-STIMULATED HUMAN MONOCYTE-LIKE  
CELL-LINE U937  
SO JOURNAL OF LEUKOCYTE BIOLOGY, (MAY 1996) Vol. 59, No. 5, pp. 697-708.  
ISSN: 0741-5400.

L32 ANSWER 7 OF 9 MEDLINE on STN DUPLICATE 1  
TI A novel monoclonal antibody mNI-58A against the alpha-chain of leukocyte  
function-associated antigen-1 (LFA-1) blocks the homotypic cell  
aggregation and actively regulates morphological changes in the phorbol  
myristate acetate (PMA)-activated human monocyte-like cell line, U937.  
SO Tissue antigens, (1996 Sep) 48 (3) 161-73.  
Journal code: 0331072. ISSN: 0001-2815.

L32 ANSWER 8 OF 9 MEDLINE on STN DUPLICATE 2  
TI Freezing adhesion molecules in a state of high-avidity binding blocks  
eosinophil migration.  
SO Journal of experimental medicine, (1993 Jul 1) 178 (1) 279-84.

L32 ANSWER 9 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
DUPLICATE 3  
TI LYMPHOCYTE ADHESION THROUGH VERY LATE ANTIGEN 4 EVIDENCE FOR A NOVEL  
BINDING SITE IN THE ALTERNATIVELY SPLICED DOMAIN OF VASCULAR CELL ADHESION  
MOLECULE AND AN ADDITIONAL ALPHA 4 INTERGRIN COUNTER-RECEPTOR ON  
STIMULATED ENDOTHELIUM.  
SO Journal of Experimental Medicine, (1992) Vol. 175, No. 6, pp. 1433-1442.  
CODEN: JEMEAU. ISSN: 0022-1007.

=> S VERY LATE ANTIGEN-5

L33 220 VERY LATE ANTIGEN-5

=> S L33 AND FIBRONECTIN

L34 123 L33 AND FIBRONECTIN

=> S L34 AND ENDOTHELI?

L35 12 L34 AND ENDOTHELI?

=> DUP REM L35

PROCESSING COMPLETED FOR L35

L36 7 DUP REM L35 (5 DUPLICATES REMOVED)

=> D 1-7 TI SO

L36 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI VLA-5 and transendothelial migration.  
SO Nature Medicine, (August, 2002) Vol. 8, No. 8, pp. 765. print.  
ISSN: 1078-8956.

L36 ANSWER 2 OF 7 MEDLINE on STN  
TI **Very late antigen-5** and leukocyte  
function-associated antigen-1 are critical for early stage hematopoietic  
progenitor cell homing.  
SO Annals of hematology, (2001 Jul) 80 (7) 387-92.  
Journal code: 9107334. ISSN: 0939-5555.

L36 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Use of a novel **fibronectin** receptor for liver infiltration by a  
mouse lymphoma cell line RL-male 1.  
SO Cancer Research, (March 1, 1999) Vol. 59, No. 5, pp. 1115-1119. print.  
CODEN: CNREA8. ISSN: 0008-5472.

L36 ANSWER 4 OF 7 MEDLINE on STN DUPLICATE 1  
TI Adhesion molecule mechanisms mediating monocyte migration through synovial  
fibroblast and **endothelium** barriers: role for CD11/CD18, very  
late antigen-4 (CD49d/CD29), **very late antigen**  
-5 (CD49e/CD29), and vascular cell adhesion molecule-1 (CD106).  
SO Journal of immunology (Baltimore, Md. : 1950), (1998 Jan 1) 160 (1)  
467-74.  
Journal code: 2985117R. ISSN: 0022-1767.

L36 ANSWER 5 OF 7 MEDLINE on STN DUPLICATE 2  
TI Adhesion of multiple myeloma peripheral blood B cells to bone marrow  
fibroblasts: a requirement for CD44 and alpha4beta7.  
SO Cancer research, (1997 Mar 1) 57 (5) 930-6.  
Journal code: 2984705R. ISSN: 0008-5472.

L36 ANSWER 6 OF 7 MEDLINE on STN DUPLICATE 3  
TI Platelet adhesion to **fibronectin** in flow: dependence on surface  
concentration and shear rate, role of platelet membrane glycoproteins GP  
IIb/IIIa and VLA-5, and inhibition by heparin.  
SO Blood, (1994 Dec 1) 84 (11) 3724-33.  
Journal code: 7603509. ISSN: 0006-4971.

L36 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Immunohistological and functional analysis of adhesion molecule expression

in the rheumatoid synovial lining layer. Implications for synovial lining cell destruction.

SO Journal of Rheumatology, (1994) Vol. 21, No. 11, pp. 1998-2004.  
CODEN: JRHUA9. ISSN: 0315-162X.

=> S CD49E?

L37 828 CD49E?

=> S L37 AND HUVEC

L38 16 L37 AND HUVEC

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14962	fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S2	4639	S1 and retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S3	1299	S2 and umbilical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S4	790	S3 and huvec	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S5	27	huvec SAME retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S6	10	S5 and fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S7	160	umbilical SAME retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S8	35	S7 and fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:17
S9	26	"5198423"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:21
S10	6	"0870839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:21
S11	13	"870839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/09 11:25

L1 80440 S KATO-I?/AU OR ASADA-K?/AU OR UENO-M?/AU OR HASHINO-K?/AU OR  
L2 64 S L1 AND (CH-296 OR CH296)  
L3 49 S L2 AND RETROVIR?  
L4 6 S L3 AND UMBILICAL  
L5 6 DUP REM L4 (0 DUPLICATES REMOVED)  
L6 7732 S CD29 OR CD-29  
L7 352 S CD49 OR CD-49  
L8 55 S L7 AND (VERY LATE ANTIGEN-4 OR VLA-4)  
L9 36 S CD49 (P) VLA-4  
L10 14 DUP REM L9 (22 DUPLICATES REMOVED)  
L11 125 S CDW49D  
L12 0 S L11 AND CD49  
L13 70 S L11 AND VLA-4  
L14 0 S L13 AND CH-296  
L15 35 DUP REM L13 (35 DUPLICATES REMOVED)  
L16 214 S HUVEC AND CD49?  
L17 86 S L16 AND VLA-4  
L18 70 S CDW49D AND VLA-4  
L19 35 DUP REM L18 (35 DUPLICATES REMOVED)